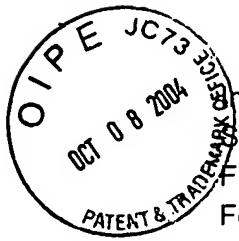


IFW Receipt



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Toshiaki Takenaka, et al.

Serial No.: 10/502,170

Group No.: 3729

Filed: July 21, 2004

Examiner: To Be Assigned

For: CIRCUIT BOARD AND ITS
MANUFACTURING METHOD

Filing Receipt Corrections
Office of Initial Patent Examination
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REQUEST FOR CORRECTED FILING RECEIPT

1. Attached is a copy of the official filing receipt received from the PTO in the above application for which issuance of a corrected filing receipt is respectfully requested.

2. There is an error with respect to the following data:

☒ Incorrectly entered *and/or* ☐ omitted

*Error in**Correct data*

1. ☐ Applicant's name
2. ☐ Applicant's address
3. ☐ Title

1.
2.
3.

4. ☐ Filing Date
5. ☐ Serial Number
6. ☐ Foreign/PCT Application Reference

4.
5.
6.

7. ☒ Other (attached is a copy of the filed Declaration/Power of Attorney and the 371 Acceptance Letter confirming the filing of the Power of Attorney)

7. Properly Executed Declaration/Power of Attorney was filed on 07/21/2004.

3. No fee is due.

RatnerPrestia
P. O. Box 980
Valley Forge, PA 19482-0980
(610) 407-0700

Respectfully submitted,

Lawrence E. Ashery
Lawrence E. Ashery, Reg. No. 34, 515

CERTIFICATE OF MAILING (37 CFR 1.8a)

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Filing Receipt Corrections, Office of Initial Patent Examination, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date: October 6, 2004

Donna M. Wellings
Donna M. Wellings



TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/502,170
	Filing Date	July 21, 2004
	First Named Inventor	Toshiaki Takenaka, et al.
	Art Unit	3729
	Examiner Name	To Be Assigned
Total Number of Pages in This Submission 9	Attorney Docket No.	MAT-8563US

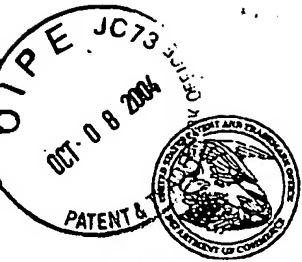
ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/Declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) ____	<input type="checkbox"/> After Allowance Communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Request for Corrected Filing Receipt; Copy of Filing Receipt; Copy of Declaration/Power of Attorney; Copy of Notification of Acceptance
Remarks:		

SIGNATURE OF APPLICANT, ATTORNEY OR AGENT			
Firm or Individual Name	Lawrence E. Ashery	Registration No. (Attorney/Agent)	34,515
Signature			
Date	October 6, 2004		

CERTIFICATE OF TRANSMISSION / MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:			
Typed or printed name	Donna M. Wellings		
Signature		Date	October 6, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Office, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, ALEXANDRIA, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

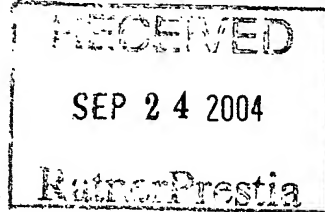


UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
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APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/502,170	07/21/2004	3729	920	MAT-8563US	6	17	3

23122
 RATNERPRESTIA
 P O BOX 980
 VALLEY FORGE, PA 19482-0980



CONFIRMATION NO. 8532

FILING RECEIPT



OC00000013856739

Date Mailed: 09/22/2004

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Toshiaki Takenaka, Soraku-gun, JAPAN;
 Yoshihiro Kawakita, Katano-shi, JAPAN;
 Tadashi Tojo, Katano-shi, JAPAN;
 Kiyohide Tatsumi, Ikoma-shi, JAPAN;

Power of Attorney: None

Properly executed Power of Attorney
 was filed on 07/21/04

Domestic Priority data as claimed by applicant

This application is a 371 of PCT/JP03/17019 12/26/2003

Foreign Applications

JAPAN 2003-5676 01/14/2003
 JAPAN 2003-5677 01/14/2003
 JAPAN 2003-5678 01/14/2003

Projected Publication Date: 12/30/2004

Non-Publication Request: No

Early Publication Request: No

Title

Circuit board and process for producing the same

Preliminary Class

029

**LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

GRANTED

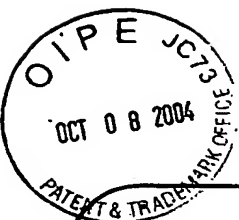
The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

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The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).



p 3 2 9 2 5

PTO/SB/01. 02 & 04 COMBINED (08-03) AW (10-03)

**DECLARATION/
POWER OF ATTORNEY
FOR UTILITY OR DESIGN
PATENT APPLICATION**

Attorney Docket Number:

First Named Inventor:

COMPLETE IF KNOWN

Application Number:

Filing Date:

Art Unit:

Examiner Name:

☐ Declaration
Submitted
With Initial
Filing
(37 CFR 1.63)☐ Declaration
Submitted after Initial
Filing (surcharge
(37 CFR 1.16 (e))
required)☐ Supplemental
Declaration
(37 CFR 1.67)

COPY

I hereby declare that:

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

CIRCUIT BOARD AND ITS MANUFACTURING METHOD

(Title of the Invention)

the specification of which

☐ is attached hereto**OR**☒ was filed on (MM/DD/YYYY) 26/12/2003 as United States Application or PCT International Application Number PCT/JP2003/017019

and was amended on (MM/DD/YYYY) ____ (if applicable). I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				Yes	No
2003-005676	Japan	01/14/2003	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2003-005677	Japan	01/14/2003	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2003-005678	Japan	01/14/2003	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet attached hereto.



P32925

PTO/SB/01. 02 & 04 COMBINED (03-03) AW (10-03)

Declaration/Power Of Attorney for Utility or Design Patent Application (continued)

COPY

I hereby appoint:

☒ Practitioners at Customer Number **23122**

OR

☐ Practitioner(s) named below:

Name

Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Direct all correspondence to:

☒ Practitioners Customer Number listed above; **OR**☒ Correspondence Address Below

Name: RatnerPrestia

Address: P. O. Box 980

City: Valley Forge

State: PA

Zip: 19482

Country: USA

Telephone: (610) 407-0700

Fax: (610) 407-0701

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor:

☐ A Petition has been filed for this unsigned inventor.

Given Name (first and middle (if any))

Family Name or Surname

Toshiaki

TAKENAKA

Inventor's Signature Toshiaki TakenakaDate: June 7, 2004

Residence: City: Soraku-gun

State: Kyoto

Country: Japan

Citizenship: Japanese

Mailing Address: 6-6-8, Nagamodal, Kamo-cho

Mailing Address:

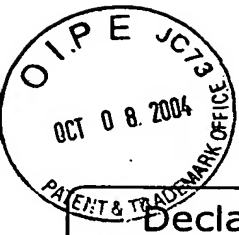
City: Soraku-gun

State: Kyoto

Zip: 619-1127

Country: Japan

☒ Additional inventors are listed on the next page.

**Declaration/Power Of Attorney for Utility or Design Patent Application**
(continued)

Name of Second Inventor:		<input type="checkbox"/> A Petition has been filed for this unsigned inventor.	
Given Name (first and middle (if any))		Family Name or Surname	
Yoshihiro		KAWAKITA	
Inventor's Signature <u>Yoshihiro Kawakita</u>		Date: <u>June 7, 2004</u>	
Residence: City: Katano-shi	State: Osaka	Country: Japan	Citizenship: Japanese
Mailing Address: 7-56-5, Hoshida			
Mailing Address:			
City: Katano-shi	State: Osaka	Zip: 576-0016	Country: Japan
Name of Third Inventor:		<input type="checkbox"/> A Petition has been filed for this unsigned inventor.	
Given Name (first and middle (if any))		Family Name or Surname	
Tadashi		TOJO	
Inventor's Signature <u>Tadashi Tojo</u>		Date: <u>June 7, 2004</u>	
Residence: City: Katano-shi	State: Osaka	Country: Japan	Citizenship: Japanese
Mailing Address: 4-39-19, Kisaichi			
Mailing Address:			
City: Katano-shi	State: Osaka	Zip: 576-0033	Country: Japan
Name of Fourth Inventor:		<input type="checkbox"/> A Petition has been filed for this unsigned inventor.	
Given Name (first and middle (if any))		Family Name or Surname	
Kiyohide		TATSUMI	
Inventor's Signature <u>Kiyohide Tatumi</u>		Date: <u>June 7, 2004</u>	
Residence: City: Ikoma-shi	State: Nara	Country: Japan	Citizenship: Japanese
Mailing Address: 10-26, Higashiasahigaoka			
Mailing Address:			
City: Ikoma-shi	State: Nara	Zip: 630-0254	Country: Japan
<input type="checkbox"/> Additional inventors are listed on Supplemental Sheet(s).			

MSC



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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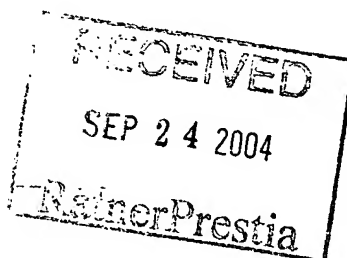
COPY



U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/502,170	Toshiaki Takenaka	MAT-8563US

INTERNATIONAL APPLICATION NO.	
PCT/JP03/17019	
LA. FILING DATE	PRIORITY DATE
12/26/2003	01/14/2003

RATNERPRESTIA
P O BOX 980
VALLEY FORGE, PA 19482-0980



CONFIRMATION NO. 8532
371 ACCEPTANCE LETTER



OC000000013856740

Date Mailed: 09/22/2004

NOTICE OF ACCEPTANCE OF APPLICATION UNDER 35 U.S.C 371 AND 37 CFR 1.495

The applicant is hereby advised that the United States Patent and Trademark Office in its capacity as a Designated / Elected Office (37 CFR 1.495), has determined that the above identified international application has met the requirements of 35 U.S.C. 371, and is ACCEPTED for national patentability examination in the United States Patent and Trademark Office.

The United States Application Number assigned to the application is shown above and the relevant dates are:

<u>07/21/2004</u>	<u>07/21/2004</u>
DATE OF RECEIPT OF 35 U.S.C. 371(c)(1), (c)(2) and (c)(4) REQUIREMENTS	DATE OF COMPLETION OF ALL 35 U.S.C. 371 REQUIREMENTS

A Filing Receipt (PTO-103X) will be issued for the present application in due course. **THE DATE APPEARING ON THE FILING RECEIPT AS THE " FILING DATE" IS THE DATE ON WHICH THE LAST OF THE 35 U.S.C. 371 (c)(1), (c)(2) and (c)(4) REQUIREMENTS HAS BEEN RECEIVED IN THE OFFICE. THIS DATE IS SHOWN ABOVE.** The filing date of the above identified application is the international filing date of the international application (Article 11(3) and 35 U.S.C. 363). Once the Filing Receipt has been received, send all correspondence to the Group Art Unit designated thereon.

The following items have been received:

- Copy of the International Application filed on 07/21/2004
- Copy of the International Search Report filed on 07/21/2004
- Preliminary Amendments filed on 07/21/2004
- Information Disclosure Statements filed on 07/21/2004
- Oath or Declaration filed on 07/21/2004
- Request for Immediate Examination filed on 07/21/2004
- U.S. Basic National Fees filed on 07/21/2004
- Assignment filed on 07/21/2004
- Power of Attorney filed on 07/21/2004

RMP

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

LAMONT M HUNTER
Telephone: (703) 305-3686

COPY

PART 1 - ATTORNEY/APPLICANT COPY

FORM PCT/DO/EO/903 (371 Acceptance Notice)